

CLEAN COPY OF AMENDED CLAIMS

- B1
22. (TWICE AMENDED) A method for transforming a cell of corn comprising the steps of:
- (a) co-cultivating an immature embryo from said cell with *Agrobacterium* capable of transferring at least one genetic element to tissue of said cell to produce an infected embryo;
  - (b) culturing the infected embryo after said co-cultivation on a medium comprising an antibiotic and a monosaccharide sugar, said sugar being in an amount of from about 5 g/L to about 30g/L;
  - (c) culturing a resulting tissue on a medium comprising a selective agent;
  - (d) culturing the resulting tissue on a medium comprising a selective agent to select for transformed tissue;
  - (e) selecting transformed tissue having growing Type II; and
  - (f) regenerating plants from said embryo structures.
- B2
24. (AMENDED) The method of claim 22, wherein, said *Agrobacterium* is taken from *Agrobacterium* one to two days after rescue from frozen glycerol stocks.
- B3
27. (TWICE AMENDED) The method of claim 26, wherein said heat shock is performed at about 24 hours to about 72 hours after initiation of co-cultivation.
28. (TWICE AMENDED) The method of claim 22, wherein the concentration of said antibiotic in the medium of step (b) is from about 15 mg/L to about 75 mg/L.